

## **ABSTRACT OF THE INVENTION**

Inducible gene expression systems and a method thereof. A first inducible gene expression system includes a first vector comprising at least one retroviral promoter and at least one factor to induce the retroviral promoter. At least one gene product is expressed in proportion to retroviral promoter induction. The method includes providing a first vector comprising at least one retroviral promoter and providing at least one factor corresponding to the retroviral promoter. The retroviral promoter is induced with the at least one factor. At least one protein is expressed based on the induction of the retroviral promoter. A second inducing expression system includes first vector means comprising at least one retroviral promoter, means for inducing the retroviral promoter, and means for expressing at least one protein based on the induction of the retroviral promoter.